## Improving Airport Safety by Preventing
# Runway Incursions



**HUD Guidance**



**Electronic
Moving Map**
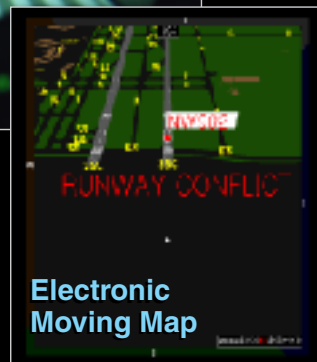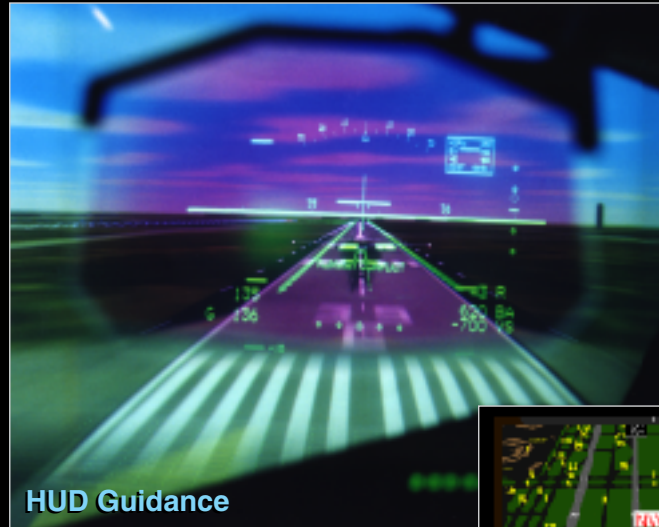
NASA is developing technologies to eliminate runway incursions in any visibility condition. To do this, computer graphic displays will provide pilots and controllers with information from independent runway incursion monitoring systems on the ground and in the air.

In the air, a head-up display (HUD) and a moving map will alert flight crews to potential runway incursions. Air traffic controllers will receive similar information.

On the ground, pilots and controllers will receive route deviation alerts as well as warnings of potential runway incursions.

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